Tim Li

List of Publications by Year in descending order

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329 papers	15,773 citations	15504 65 h-index	22832 112 g-index
340 all docs	340 docs citations	340 times ranked	6278 citing authors

#	Article	IF	Citations
1	Comparison of southward shift mechanisms of equatorial westerly anomalies between EP and CP El NiÃ±o. Climate Dynamics, 2023, 60, 785-796.	3.8	1
2	Relationship between the interannual and intraseasonal temperature variability in Northeast China. International Journal of Climatology, 2022, 42, 352-366.	3.5	1
3	Predicting climate anomalies: A real challenge. Atmospheric and Oceanic Science Letters, 2022, 15, 100115.	1.3	12
4	Impacts of multiâ€timescale circulations on meridional heat transport. International Journal of Climatology, 2022, 42, 2153-2168.	3.5	0
5	Effect of vertical overturning circulation scale and moist static energy tendency on MJO phase speed. Atmospheric and Oceanic Science Letters, 2022, 15, 100150.	1.3	1
6	Characterizing dissolved organic matter in Taihu Lake with PARAFAC and SOM method. Water Science and Technology, 2022, 85, 706-718.	2.5	7
7	Understanding the Unusual Track of Typhoon Lionrock (2016). Weather and Forecasting, 2022, 37, 393-414.	1.4	2
8	Evaluation of the Maddenâ€“Julian oscillation in HiRAM. Atmospheric and Oceanic Science Letters, 2022, , 100194.	1.3	0
9	Large-Scale Sea Surface Temperature Forcing Contributed to the 2013â€“17 Record-Breaking Meteorological Drought in the Korean Peninsula. Journal of Climate, 2022, 35, 3767-3783.	3.2	3
10	East Asian summer monsoon enhanced by COVID-19. Climate Dynamics, 2022, 59, 2965-2978.	3.8	11
11	Distinctive South and East Asian monsoon circulation responses to global warming. Science Bulletin, 2022, 67, 762-770.	9.0	24
12	Relationship between the Intraseasonal Oscillation over Mid-High-Latitude Eurasia and the Stratospheric Sudden Warming Event in February 2018. Remote Sensing, 2022, 14, 1873.	4.0	3
13	Critical Role of Tropical North Atlantic SSTA in Boreal Summer in Affecting Subsequent ENSO Evolution. Geophysical Research Letters, 2022, 49, .	4.0	5
14	Multiscale Influences on Persistent Extreme Precipitation Events in North China. Frontiers in Earth Science, 2022, 10, .	1.8	1
15	How Frequently Will the Persistent Heavy Rainfall over the Middle and Lower Yangtze River Basin in Summer 2020 Happen under Global Warming?. Advances in Atmospheric Sciences, 2022, 39, 1673-1692.	4.3	7
16	Moist Static Energy and Secondary Circulation Evolution Characteristics during the Rapid Intensification of Super Typhoon Yutu (2007). Atmosphere, 2022, 13, 1105.	2.3	1
17	Midâ€latitude leading doubleâ€dip La NiÃ±a. International Journal of Climatology, 2021, 41, E1353.	3.5	21
18	Effects of perturbation type on tropical cyclone size over tropical North Western Pacific and Atlantic. Climate Dynamics, 2021, 56, 475-489.	3.8	1

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19	Interdecadal variability of intensity of the <scp>Maddenâ€“Julian</scp> oscillation. Atmospheric Science Letters, 2021, 22, e1027.	1.9	1
20	A Review of Mechanisms for Formation of an Anomalous Anticyclone in Western North Pacific During El NiÃ±o. World Scientific Series on Asia-Pacific Weather and Climate, 2021, , 91-101.	0.2	0
21	Dynamic and thermodynamic modulations of the convectively coupled equatorial waves by the MJO. Environmental Research Communications, 2021, 3, 025004.	2.3	1
22	A mechanism for formation of the western North Pacific monsoon trough: nonlinear upscale cascade. Climate Dynamics, 2021, 56, 3889-3898.	3.8	1
23	Effect of a Low-Frequency Vortex on the Size of Typhoon Lan (2017). Monthly Weather Review, 2021, 149, 521-536.	1.4	2
24	How well do the S2S models predict intraseasonal wintertime surface air temperature over mid-high-latitude Eurasia?. Climate Dynamics, 2021, 57, 503-521.	3.8	11
25	ENSO evolution asymmetry: EP versus CP El NiÃ±o. Climate Dynamics, 2021, 56, 3569-3579.	3.8	13
26	Cause of an extreme warm and rainy winter in<scp>Shanghai</scp>in 2019. International Journal of Climatology, 2021, 41, 4684-4697.	3.5	4
27	Impacts of Tropical North Atlantic and Equatorial Atlantic SST Anomalies on ENSO. Journal of Climate, 2021, , 1-58.	3.2	24
28	Impacts of Steering Flows with Different Timescales on the Track of Typhoon Sanba (2012). Journal of Meteorological Research, 2021, 35, 343-357.	2.4	1
29	Factors Controlling the Diversities of MJO Propagation and Intensity. Journal of Climate, 2021, , 1-41.	3.2	0
30	Atlantic NiÃ±o/NiÃ±a Prediction Skills in NMME Models. Atmosphere, 2021, 12, 803.	2.3	4
31	Cause of Extreme Heavy and Persistent Rainfall over Yangtze River in Summer 2020. Advances in Atmospheric Sciences, 2021, 38, 1994-2009.	4.3	42
32	Effects of MJO Vertically Tilted Structure on Its Phase Speed from the Moisture Mode Theory Perspective. Journal of Climate, 2021, 34, 4505-4520.	3.2	2
33	Projections of South Asian Summer Monsoon Under Global Warming from 1.5Â° to 5Â°C. Journal of Climate, 2021, , 1-54.	3.2	7
34	Impacts of Multi-Timescale Circulations on Meridional Moisture Transport. Journal of Climate, 2021, , 1-64.	3.2	1
35	Impact of the mean state on El NiÃ±o induced western North Pacific anomalous anticyclone during its decaying summer in AMIP models. Journal of Climate, 2021, , 1-49.	3.2	0
36	The Origin of Systematic Forecast Errors of Extreme 2020 East Asian Summer Monsoon Rainfall in GloSea5. Geophysical Research Letters, 2021, 48, e2021GL094179.	4.0	3

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37	Recent advances in understanding MJO propagation dynamics. Science Bulletin, 2021, 66, 2448-2452.	9.0	2
38	Decreasing Trend of Western North Pacific Tropical Cyclone Inner-Core Size over the Past Decades. Journal of Meteorological Research, 2021, 35, 635-645.	2.4	4
39	Two Distinct Types of 10-30-day Persistent Heavy Rainfall Events over the Yangtze River Valley. Journal of Climate, 2021, , 1-44.	3.2	2
40	Divergent Responses of Summer Precipitation in China to 1.5Â°C Global Warming in Transient and Stabilized Scenarios. Earth's Future, 2021, 9, e2020EF001832.	6.3	9
41	Implications from Subseasonal Prediction Skills of the Prolonged Heavy Snow Event over Southern China in Early 2008. Advances in Atmospheric Sciences, 2021, 38, 1873-1888.	4.3	10
42	Impacts of CP- and EP-El NiÃ±o events on the Antarctic sea ice in austral spring. Journal of Climate, 2021, , 1-76.	3.2	5
43	Reexamining the Moisture Mode Theories of the Maddenâ€“Julian Oscillation Based on Observational Analyses. Journal of Climate, 2021, 34, 839-853.	3.2	9
44	Impact of atmosphereâ€“ocean interactions on propagation and initiation of boreal winter and summer intraseasonal oscillations. , 2021, , 17-60.		1
45	Intraseasonal Variability of Summertime Surface Air Temperature over Mid-High-Latitude Eurasia and Its Prediction Skill in S2S Models. Journal of Meteorological Research, 2021, 35, 815-830.	2.4	3
46	Subseasonal and Synoptic Variabilities of Precipitation over the Yangtze River Basin in the Summer of 2020. Advances in Atmospheric Sciences, 2021, 38, 2108-2124.	4.3	9
47	An Improved Method for Defining Short-Term Climate Anomalies. Journal of Meteorological Research, 2021, 35, 1012-1022.	2.4	0
48	Can reanalysis products with only surface variables assimilated capture Maddenâ€“Julian oscillation characteristics?. International Journal of Climatology, 2020, 40, 1279-1293.	3.5	9
49	Response of the anomalous western North Pacific anticyclone during El NiÃ±o mature winter to global warming. Climate Dynamics, 2020, 54, 727-740.	3.8	5
50	Effects of western Pacific intraseasonal convection on surface air temperature anomalies over North America. International Journal of Climatology, 2020, 40, 2913-2923.	3.5	11
51	Eastward shift and extension of ENSO-induced tropical precipitation anomalies under global warming. Science Advances, 2020, 6, eaax4177.	10.3	33
52	Impact of Global Warming on the Western North Pacific Circulation Anomaly during Developing El NiÃ±o. Journal of Climate, 2020, 33, 2333-2349.	3.2	5
53	Two-way interactions between MJO and high-frequency waves over the Maritime Continent in MJOTF/GASS models. Climate Dynamics, 2020, 54, 1217-1231.	3.8	2
54	Interannual and Interdecadal Variabilities of Spring Rainfall over Northeast China and Their Associated Sea Surface Temperature Anomaly Forcings. Journal of Climate, 2020, 33, 1423-1435.	3.2	31

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55	The 10â€“30â€day oscillation of winter rainfall in southern China and its relationship with circulation patterns in different latitudes. International Journal of Climatology, 2020, 40, 3268-3280.	3.5	12
56	Change of El NiÃ±o and La NiÃ±a amplitude asymmetry around 1980. Climate Dynamics, 2020, 54, 1351-1366.	3.8	6
57	The Spatioâ€”Temporal Variation of Pacific Blocking Frequency within Winter Months and Its Relationship with Surface Air Temperature. Atmosphere, 2020, 11, 960.	2.3	1
58	El NiÃ±o phase-dependent high-frequency variability in Western Equatorial Pacific. Climate Dynamics, 2020, 55, 2165-2184.	3.8	4
59	The influence of the Madden-Julian oscillation on high-latitude surface air temperature during boreal winter. Dynamics of Atmospheres and Oceans, 2020, 90, 101141.	1.8	6
60	Interdecadal modulation of ENSO amplitude by the Atlantic multi-decadal oscillation (AMO). Climate Dynamics, 2020, 55, 2689-2702.	3.8	14
61	Improving Real-Time Forecast of Intraseasonal Variabilities of Indian Summer Monsoon Precipitation in an Empirical Scheme. Frontiers in Earth Science, 2020, 8, .	1.8	4
62	Impact of Background Dynamic and Thermodynamic States on Distinctive Annual Cycle of Near-Equatorial Tropical Cyclogenesis over the Western North Pacific. Journal of Meteorological Research, 2020, 34, 822-835.	2.4	4
63	Increasing Trend of Summertime Synoptic Wave Train Activity over the Western North Pacific since 1950. Journal of Meteorological Research, 2020, 34, 1013-1024.	2.4	2
64	Diagnosing the column-integrated moist static energy budget associated with the northward-propagating boreal summer intraseasonal oscillation. Climate Dynamics, 2020, 54, 4711-4732.	3.8	19
65	Seasonal and Sub-Seasonal Circulation Anomalies Associated with Persistent Rainy Days in 2018/2019 Winter in Shanghai, China. Journal of Meteorological Research, 2020, 34, 304-314.	2.4	3
66	Effects of high-frequency surface wind on the intraseasonal SST associated with the Madden-Julian oscillation. Climate Dynamics, 2020, 54, 4485-4498.	3.8	0
67	Seasonal Prediction of Boreal Winter Rainfall over the Western Maritime Continent during ENSO. Journal of Meteorological Research, 2020, 34, 294-303.	2.4	12
68	Cause for quasi-biweekly oscillation of zonal location of western Pacific subtropical high during boreal summer. Atmospheric Research, 2020, 245, 105079.	4.1	13
69	Superiority of Megaâ€ENSO Index in the Seasonal Prediction of Tropical Cyclone Activity Over the Western North Pacific. Earth and Space Science, 2020, 7, e2019EA001009.	2.6	4
70	Origins of Quasi-Biweekly and Intraseasonal Oscillations over the South China Sea and Bay of Bengal and Scale Selection of Unstable Equatorial and Off-Equatorial Modes. Journal of Meteorological Research, 2020, 34, 137-149.	2.4	9
71	Tropical Cyclone Size Change under Ocean Warming and Associated Responses of Tropical Cyclone Destructiveness: Idealized Experiments. Journal of Meteorological Research, 2020, 34, 163-175.	2.4	4
72	Madden-Julian Oscillation: Its Discovery, Dynamics, and Impact on East Asia. Journal of Meteorological Research, 2020, 34, 20-42.	2.4	37

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73	Quantifying Nutrient Budgets for Sustainable Nutrient Management. Global Biogeochemical Cycles, 2020, 34, e2018GB006060.	4.9	96
74	Effect of vertical moist static energy advection on MJO eastward propagation: sensitivity to analysis domain. Climate Dynamics, 2020, 54, 2029-2039.	3.8	26
75	Forecasts of ENSO evolution using spatialâ€“temporal projection model. International Journal of Climatology, 2020, 40, 6301-6314.	3.5	3
76	Enhanced winter and summer trend difference of Maddenâ€“Julian Oscillation intensity since 1871. International Journal of Climatology, 2020, 40, 6369-6381.	3.5	3
77	A Possible Cause of Tropical Cyclone Eastward Genesis Location Bias Study Using CAM5 Model in Western North Pacific. Earth and Space Science, 2020, 7, e2019EA000955.	2.6	1
78	Causes of Interdecadal Increase in the Intraseasonal Rainfall Variability over Southern China around the Early 1990s. Journal of Climate, 2020, 33, 9481-9496.	3.2	7
79	Dynamic Origin of the Interannual Variability of West China Autumn Rainfall. Journal of Climate, 2020, 33, 9643-9652.	3.2	29
80	Drier North American Monsoon in Contrast to Asianâ€“African Monsoon under Global Warming. Journal of Climate, 2020, 33, 9801-9816.	3.2	28
81	Reexamining the MJO Moisture Mode Theories with Normalized Phase Evolutions. Journal of Climate, 2020, 33, 8523-8536.	3.2	11
82	Impact of ENSO on MJO Pattern Evolution over the Maritime Continent. Journal of Meteorological Research, 2020, 34, 1151-1166.	2.4	11
83	Does global warming amplify interannual climate variability?. Climate Dynamics, 2019, 52, 2667-2684.	3.8	44
84	Near-equatorial tropical cyclone formation in western North Pacific: peak season and controlling parameter. Climate Dynamics, 2019, 52, 2765-2773.	3.8	6
85	Unexpected large-scale atmospheric response to urbanization in East China. Climate Dynamics, 2019, 52, 4293-4303.	3.8	9
86	Effects of background state on tropical cyclone size over the Western North Pacific and Northern Atlantic. Climate Dynamics, 2019, 52, 4143-4156.	3.8	9
87	Decadal change in the relationship between East Asian spring circulation and ENSO: Is it modulated by Pacific Decadal Oscillation?. International Journal of Climatology, 2019, 39, 172-187.	3.5	7
88	Why SST trend in North Pacific is peculiarly negative against warming trend elsewhere since 1958. Climate Dynamics, 2019, 52, 4447-4461.	3.8	2
89	Effects of high-frequency activity on latent heat flux of MJO. Climate Dynamics, 2019, 52, 1471-1485.	3.8	7
90	A coupled moisture-dynamics model of the Maddenâ€“Julian oscillation: convection interaction with first and second baroclinic modes and planetary boundary layer. Climate Dynamics, 2019, 53, 5529-5546.	3.8	9

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91	Asymmetry of Atmospheric Responses to Two-Type El NiÃ±o and La NiÃ±a over Northwest Pacific. Journal of Meteorological Research, 2019, 33, 826-836.	2.4	5
92	Contrast of Evolution Characteristics of Boreal Summer and Winter Intraseasonal Oscillations over Tropical Indian Ocean. Journal of Meteorological Research, 2019, 33, 678-694.	2.4	2
93	Precipitation diurnal cycle over the Maritime Continent modulated by the MJO. Climate Dynamics, 2019, 53, 6489-6501.	3.8	29
94	Weakened Impact of the Developing El NiÃ±o on Tropical Indian Ocean Climate Variability under Global Warming. Journal of Climate, 2019, 32, 7265-7279.	3.2	6
95	On the Westward Turning of Hurricane Sandy (2012): Effect of Atmospheric Intraseasonal Oscillations. Journal of Climate, 2019, 32, 6859-6873.	3.2	5
96	Drivers of reduced ENSO variability in mid-Holocene in a coupled model. Climate Dynamics, 2019, 52, 5999-6014.	3.8	13
97	Role of the western hemisphere warm pool in climate variability over the western North Pacific. Climate Dynamics, 2019, 53, 2743-2755.	3.8	17
98	Virtual screening for quorumâ€sensing inhibitors of Pseudomonas fluorescens P07 from a foodâ€derived compound database. Journal of Applied Microbiology, 2019, 127, 763-777.	3.1	16
99	Changes of MJO propagation characteristics under global warming. Climate Dynamics, 2019, 53, 5311-5327.	3.8	16
100	Relative roles of El NiÃ±o-induced extratropical and tropical forcing in generating Tropical North Atlantic (TNA) SST anomaly. Climate Dynamics, 2019, 53, 3791-3804.	3.8	26
101	Mechanism for asymmetric atmospheric responses in the western North Pacific to El NiÃ±o and La NiÃ±a. Climate Dynamics, 2019, 53, 3957-3969.	3.8	11
102	Enhanced Latent Heating over the Tibetan Plateau as a Key to the Enhanced East Asian Summer Monsoon Circulation under a Warming Climate. Journal of Climate, 2019, 32, 3373-3388.	3.2	68
103	Pantropical climate interactions. Science, 2019, 363, .	12.6	419
104	Interannual relationship between intensity of rainfall intraseasonal oscillation and summer-mean rainfall over Yangtze River Basin in eastern China. Climate Dynamics, 2019, 53, 3089-3108.	3.8	10
105	The Role of Latent Heat Flux in Tropical Cyclogenesis over the Western North Pacific: Comparison of Developing versus Non-Developing Disturbances. Journal of Marine Science and Engineering, 2019, 7, 28.	2.6	11
106	Interaction between the MJO and High-Frequency Waves over the Maritime Continent in Boreal Winter. Journal of Climate, 2019, 32, 3819-3835.	3.2	9
107	Interdecadal Indian Ocean Basin Mode Driven by Interdecadal Pacific Oscillation: A Season-Dependent Growth Mechanism. Journal of Climate, 2019, 32, 2057-2073.	3.2	13
108	Relative roles of dynamic and thermodynamic processes in causing positive and negative global mean SST trends during the past 100 years. Dynamics of Atmospheres and Oceans, 2019, 86, 18-32.	1.8	3

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109	Impact of Cumulus Parameterization on Model Convergence of Tropical Cyclone Destructive Potential Simulation at Grey-Zone Resolutions: A Numerical Investigation. Atmosphere, 2019, 10, 74.	2.3	1
110	Future Changes in East Asian Summer Monsoon Circulation and Precipitation Under 1.5 to 5ÂÂ°C of Warming. Earth's Future, 2019, 7, 1391-1406.	6.3	62
111	Factors controlling northward and north-eastward moving tropical cyclones near the coast of East Asia. Frontiers of Earth Science, 2019, 13, 778-790.	2.1	4
112	Forecasts of MJO Events during DYNAMO with a Coupled Atmosphere-Ocean Model: Sensitivity to Cumulus Parameterization Scheme. Journal of Meteorological Research, 2019, 33, 1016-1030.	2.4	3
113	Influence of ENSO on frequency of wintertime fog days in Eastern China. Climate Dynamics, 2019, 52, 5099-5113.	3.8	12
114	Effect of recent Atlantic warming in strengthening Atlanticâ€“Pacific teleconnection on interannual timescale via enhanced connection with the pacific meridional mode. Climate Dynamics, 2019, 53, 371-387.	3.8	32
115	A Further Study on the Simulation of Cloud-Radiative Feedbacks in the ENSO Cycle in the Tropical Pacific with a Focus on the Asymmetry. Asia-Pacific Journal of Atmospheric Sciences, 2019, 55, 303-316.	2.3	12
116	Modulation of the Maddenâ€“Julian oscillation on the energetics of wintertime synoptic-scale disturbances. Climate Dynamics, 2019, 52, 4861-4871.	3.8	9
117	Weakened Anomalous Western North Pacific Anticyclone during an El NiÃ±oâ€“Decaying Summer under a Warmer Climate: Dominant Role of the Weakened Impact of the Tropical Indian Ocean on the Atmosphere. Journal of Climate, 2019, 32, 213-230.	3.2	29
118	Basin dependence of the MJO modulating tropical cyclone genesis. Climate Dynamics, 2019, 52, 6081-6096.	3.8	28
119	Interdecadal modulation of El NiÃ±oâ€“tropical North Atlantic teleconnection by the Atlantic multi-decadal oscillation. Climate Dynamics, 2019, 52, 5345-5360.	3.8	55
120	Physical processes controlling earlier and later onset of a typhoon season in the western North Pacific. Climate Dynamics, 2018, 51, 2807-2823.	3.8	7
121	Dependence of tropical cyclone development on coriolis parameter: A theoretical model. Dynamics of Atmospheres and Oceans, 2018, 81, 51-62.	1.8	9
122	Strengthening and Westward Shift of the Tropical Pacific Walker Circulation during the Mid-Holocene: PMIP Simulation Results. Journal of Climate, 2018, 31, 2283-2298.	3.2	20
123	Relationship between the North Pacific Gyre Oscillation and the onset of stratospheric final warming in the northern Hemisphere. Climate Dynamics, 2018, 51, 3061-3075.	3.8	15
124	A Paper on the Tropical Intraseasonal Oscillation Published in 1963 in a Chinese Journal. Bulletin of the American Meteorological Society, 2018, 99, 1765-1779.	3.3	37
125	Impact of atmospheric model resolution on simulation of ENSO feedback processes: a coupled model study. Climate Dynamics, 2018, 51, 3077-3092.	3.8	10
126	Monsoon Dynamics and Its Interactions with Ocean. Springer Atmospheric Sciences, 2018, , 185-229.	0.3	1

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127	On the asymmetric distribution of shear-relative typhoon rainfall. Meteorology and Atmospheric Physics, 2018, 130, 11-22.	2.0	16
128	Madden-Julian Oscillation: Observations and Mechanisms. Springer Atmospheric Sciences, 2018, , 61-106.	0.3	2
129	Tropical Cyclone Formation. Springer Atmospheric Sciences, 2018, , 107-147.	0.3	3
130	Extended-range forecasting of Chinese summer surface air temperature and heat waves. Climate Dynamics, 2018, 50, 2007-2021.	3.8	29
131	Amplified contiguous United States summer rainfall variability induced by East Asian monsoon interdecadal change. Climate Dynamics, 2018, 50, 3523-3536.	3.8	37
132	Role of the meridional dipole of SSTA and associated cross-equatorial flow in the tropical eastern Pacific in terminating the 2014 El NiÃ±o development. Climate Dynamics, 2018, 50, 1625-1638.	3.8	18
133	Modulation of the MJO intensity over the equatorial western Pacific by two types of El NiÃ±o. Climate Dynamics, 2018, 51, 687-700.	3.8	30
134	Cause of interdecadal change of tropical cyclone controlling parameter in the western North Pacific. Climate Dynamics, 2018, 51, 719-732.	3.8	8
135	Why 1986 El NiÃ±o and 2005 La NiÃ±a evolved different from a typical El NiÃ±o and La NiÃ±a. Climate Dynamics, 2018, 51, 4309-4327.	3.8	17
136	Decrease of tropical cyclone genesis frequency in the western North Pacific since 1960s. Dynamics of Atmospheres and Oceans, 2018, 81, 42-50.	1.8	20
137	Why rainfall response to El NiÃ±o over Maritime Continent is weaker and non-uniform in boreal winter than in boreal summer. Climate Dynamics, 2018, 51, 1465-1483.	3.8	24
138	East Asian climate under global warming: understanding and projection. Climate Dynamics, 2018, 51, 3969-3972.	3.8	11
139	Sensitivity of Tropical Cyclone Track to the Vertical Structure of a Nearby Monsoon Gyre. Journals of the Atmospheric Sciences, 2018, 75, 2017-2028.	1.7	17
140	Predicting El NiÃ±o Beyond 1-year Lead: Effect of the Western Hemisphere Warm Pool. Scientific Reports, 2018, 8, 14957.	3.3	41
141	Impact of 10â€“60-Day Low-Frequency Steering Flows on Straight Northward-Moving Typhoon Tracks over the Western North Pacific. Journal of Meteorological Research, 2018, 32, 394-409.	2.4	8
142	Influence of the Boreal Summer Intraseasonal Oscillation on Extreme Temperature Events in the Northern Hemisphere. Journal of Meteorological Research, 2018, 32, 534-547.	2.4	14
143	Contrasting Cloud Radiative Feedbacks during Warm Pool and Cold Tongue El NiÃ±os. Scientific Online Letters on the Atmosphere, 2018, 14, 126-131.	1.4	11
144	Effect of Amino Acid Addition in Marine Sediment on Electrochemical Performance in Microbial Fuel Cells. Fuel Cells, 2018, 18, 518-525.	2.4	7

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145	A Recent Reversal in the Poleward Shift of Western North Pacific Tropical Cyclones. Geophysical Research Letters, 2018, 45, 9944-9952.	4.0	11
146	Intraseasonal Tropical Cyclogenesis Prediction in a Global Coupled Model System. Journal of Climate, 2018, 31, 6209-6227.	3.2	20
147	Impact of Rossby and Kelvin Wave Components on MJO Eastward Propagation. Journal of Climate, 2018, 31, 6913-6931.	3.2	32
148	Evaluation of Warmâ€Core Structure in Reanalysis and Satellite Data Sets Using HS3 Dropsonde Observations: A Case Study of Hurricane Edouard (2014). Journal of Geophysical Research D: Atmospheres, 2018, 123, 6713-6731.	3.3	12
149	Relative roles of differential SST warming, uniform SST warming and land surface warming in determining the Walker circulation changes under global warming. Climate Dynamics, 2017, 48, 987-997.	3.8	25
150	Roles of convective heating and boundary-layer moisture asymmetry in slowing down the convectively coupled Kelvin waves. Climate Dynamics, 2017, 48, 2453-2469.	3.8	8
151	The statistical extended-range (10â€“30-day) forecast of summer rainfall anomalies over the entire China. Climate Dynamics, 2017, 48, 209-224.	3.8	42
152	Empirical prediction of the onset dates of South China Sea summer monsoon. Climate Dynamics, 2017, 48, 1633-1645.	3.8	55
153	Convectively coupled Kelvin waves in CMIP5 coupled climate models. Climate Dynamics, 2017, 48, 767-781.	3.8	10
154	AIRS-observed warm core structures of tropical cyclones over the western North Pacific. Dynamics of Atmospheres and Oceans, 2017, 77, 100-106.	1.8	10
155	Fundamental Causes of Propagating and Nonpropagating MJOs in MJOTF/GASS Models. Journal of Climate, 2017, 30, 3743-3769.	3.2	102
156	Statistical extendedâ€rrange forecast of winter surface air temperature and extremely cold days over China. Quarterly Journal of the Royal Meteorological Society, 2017, 143, 1528-1538.	2.7	23
157	The Record-Breaking Hot Summer in 2015 over Hawaii and Its Physical Causes. Journal of Climate, 2017, 30, 4253-4266.	3.2	19
158	Decadal variation of the impact of La NiÃ±a on the winter Arctic stratosphere. Advances in Atmospheric Sciences, 2017, 34, 679-684.	4.3	12
159	Water Budget and Intensity Change of Tropical Cyclones over the Western North Pacific. Monthly Weather Review, 2017, 145, 3009-3023.	1.4	25
160	A possible explanation for the divergent projection of ENSO amplitude change under global warming. Climate Dynamics, 2017, 49, 3799-3811.	3.8	64
161	Causes of ENSO Weakening during the Mid-Holocene. Journal of Climate, 2017, 30, 7049-7070.	3.2	19
162	Challenges and Opportunities in MJO Studies. Bulletin of the American Meteorological Society, 2017, 98, ES53-ES56.	3.3	16

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163	Impact of Ocean Warming on Tropical Cyclone Size and Its Destructiveness. Scientific Reports, 2017, 7, 8154.	3.3	74
164	The Weakened Intensity of the Atmospheric Quasi-Biweekly Oscillation over the Western North Pacific during Late Summer around the Late 1990s. Journal of Climate, 2017, 30, 9807-9826.	3.2	11
165	Formation Mechanism for 2015/16 Super El NiÃ±o. Scientific Reports, 2017, 7, 2975.	3.3	89
166	The role of intraseasonal variability at midâ€high latitudes in regulating Pacific blockings during boreal winter. International Journal of Climatology, 2017, 37, 1248-1256.	3.5	18
167	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part I: Maintenance Mechanisms. Journal of Climate, 2017, 30, 9621-9635.	3.2	114
168	Atmospheric Dynamic and Thermodynamic Processes Driving the Western North Pacific Anomalous Anticyclone during El NiÃ±o. Part II: Formation Processes. Journal of Climate, 2017, 30, 9637-9650.	3.2	76
169	Impact of ocean warming on tropical cyclone track over the western north pacific: A numerical investigation based on two case studies. Journal of Geophysical Research D: Atmospheres, 2017, 122, 8617-8630.	3.3	29
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